

#1 in permit folder  
#2

**STATE WELL REPORT**

**Part 1**

**Driller's Log**

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225-2309  
(601)961-5210  
(601)360-0535 (fax)

**For Office Use Only:**

Well #: B45  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Benton  
Permit #: GW-17199  
Driller: Rodney Tatum  
Date drilling completed: 2-5-15

*State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.*

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Gary Taylor</u>	Latitude: <u>34.9508</u> Longitude: <u>89.2419</u>
Mailing Address: <u>10355 Memphis</u> <u>Arlington Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____
<u>Lakeland</u> <u>MS</u> <u>38002</u>	<u>NE</u> ¼ <u>SW</u> ¼, Sec <u>31</u> T <u>15</u> R <u>1E</u>
City State Zip Code	Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. <u>(901) 338-9484</u>	

**Well / Borehole Data**

Date drilling started: 2-5-15 Date drilling completed: 2-5-15 Hole depth: 91' Hole diameter: 12"

Location of the source of any surface water used for drilling: None

Method of dosing and volume of Chlorine used in drilling and development: 4 ppm

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_

Name of organization running log(s): STATE OF MISSISSIPPI

Purpose of borehole (circle one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump  
Seismic Survey Other (describe) Frigation

*If drilling is not related to water well construction, skip the remainder of this block*

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): \_\_\_\_\_

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 8' feet [above or below land surface] (circle one) Date measured: 2-5-15

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): None

Well depth: 91 Well grouted to a depth of: 51 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 51' feet Casing diameter: 12" inches Type of casing: PVC

Screen length: 40' feet Screen diameter: 12" inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From 8.51 feet to 84 91 feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet

*If telescoped or more than one screen, describe on next page*

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# STATE WELL REPORT

## Part 1

### Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225-2309  
(601)961-5210  
(601)360-0535 (fax)

#### For Office Use Only:

Well #: B45  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Benton  
 Permit #: MS-GW-17199  
 Driller: Rodney Tatum  
 Date drilling completed: 2-5-15

*water well solution*

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>GARY Taylor</u>	Latitude: <u>34.9508</u> Longitude: <u>89.2479</u>
Mailing Address: <u>10355 Memphis</u> <u>Arlington Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Lakeland</u> <u>MS</u> <u>38002</u>	<u>NE</u> 1/4 <u>SW</u> 1/4, Sec <u>31</u> T <u>01S</u> R <u>01E</u>
City State Zip Code	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. <u>(901) 338-9484</u>	

**Well / Borehole Data**

Date drilling started: 2-5-15 Date drilling completed: 2-5-15 Hole depth: 91' Hole diameter: 12"

Location of the source of any surface water used for drilling: None

Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

Logs run (circle all applicable): No log run Electric  Gamma Ray  Density  Sonic  Neutron  Other: \_\_\_\_\_

Name of organization running log(s): MDEQ B-45

Purpose of borehole (circle one): Water Well  Geotechnical/Geological Investigation  Ground Source Heat Pump   
Seismic Survey  Other (describe) Irrigation

*If drilling is not related to water well construction, skip the remainder of this block*

Purpose of Well (circle all applicable): Home  Industrial  Public Supply  Irrigation  Fish Culture

Other (describe): \_\_\_\_\_

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 8' feet [above or  below] land surface Date measured: 2-5-15  
(circle one)

Method of measurement (circle one): Steel tape  Electric tape  Air line  Other (describe): ~~Electric~~

Well depth: 91' Well grouted to a depth of: \_\_\_\_\_ feet Type of grout (circle one): Neat Cement  Bentonite  Mix

Casing length: 20' feet Casing diameter: 12" inches Type of casing: PVC

Screen length: 20' feet Screen diameter: 12" inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From 71' feet to 91' feet

Type of completion (circle all applicable): Gravel packed  Underreamed  Open hole  Natural Development

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet

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*If telescoped or more than one screen, describe on next page*

Handwritten notes in the top left corner, possibly including a date or initials.

Handwritten text, possibly initials or a short name, located in the upper left quadrant.

Handwritten text at the top right of the page, possibly a title or header.

Handwritten text in the middle left section, possibly a list or set of instructions.

Handwritten text in the lower middle section, possibly a signature or name.

Handwritten text in the lower middle section, possibly a signature or name.





#2

# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2309  
 Jackson, MS 39225-2309  
 (601)961-5210  
 (601) 360-0535 (fax)

### For Office Use Only:

Well #: B45  
 Aquifer: \_\_\_\_\_

County: \_\_\_\_\_  
 Permit #: \_\_\_\_\_  
 Driller: \_\_\_\_\_  
 Date completed: \_\_\_\_\_  
*Copy information from block on Part 1*

*This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.*

Well Owner Information			Well Location		
Owner Name: <u>Gary Taylor</u>	Latitude: <u>34.9508</u>		Longitude: <u>89.2419</u>		
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____				
_____	_____ 1/4 _____ 1/4, Sec _____ T _____ R _____	_____ Miles _____ of _____			
City _____ State _____ Zip Code _____	(Distance)	(Direction)	(Nearest Town)		
Telephone No. (____) _____					

**Pump Type (circle one)**  
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): \_\_\_\_\_  
 Date Pump Installed: \_\_\_\_\_ Rated Pump Capacity: 600 Gallons Per Minute  
 Is This Pump (circle one): New Repaired Replacement

**Power Type (circle one)**  
Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): \_\_\_\_\_  
 Horse Power Rating of Motor: 40 Setting Depth: \_\_\_\_\_ feet Number of Stages: \_\_\_\_\_

**Pump Test Data for Non Flowing Well**  
 Date Well Tested: \_\_\_\_\_ Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours  
 Static Water Level (A): \_\_\_\_\_ Feet Below Land Surface Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface  
 Drawdown [(B) - (A)]: \_\_\_\_\_ Feet Below Land Surface Test Pumping Rate: \_\_\_\_\_ Gallons Per Minute  
 Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): \_\_\_\_\_

**Pump Test Data for Flowing Well**  
 Measured shut in head: \_\_\_\_\_ feet.  
 Well yielded \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

**Meter Installation**  
 Meter Manufacturer: \_\_\_\_\_ Meter Serial Number: \_\_\_\_\_  
 Meter Model Number/Name: \_\_\_\_\_ Type of Meter: \_\_\_\_\_  
 Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): \_\_\_\_\_  
 Installation Date: \_\_\_\_\_ Meter installed by: \_\_\_\_\_  
 Is This Meter (circle one): New Repaired Replacement  
*Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.*

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.  
 Print Name of Pump Installer and License No. (if applicable) \_\_\_\_\_ Date \_\_\_\_\_ Signature of Pump Installer \_\_\_\_\_  
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Drilled

#2 #1 per permit  
113027

### Well Request Form

Customer Name: Gary Taylor

Cust. Phone #:

Coordinates: 34.9508 -89.2419

Farm Name: Sparks

Field Name: Southwest

State and County: Benton, MS

Salesman: Tre

GPM: 600

Pressure: 26

TDH:

Well HP: 40

Volts: Elec/Sub Elec / Turbine Gear

Recommended Well Casing Size: 12 Plastic Steel

Quoted Price: \$28,500

Sold Price:

lenrs

#### Drilling Notes:

Drill Operator:	Johnny
Bore Hole Depth:	91
Static Water Level:	8
Recommended Setting:	60
Final HP:	
Drill Tag #:	
Additional Notes:	2 12in 160 strainers 3 12in 160 casing 2 12in cap 1 bucket poly

#### Formation

0-62- brown clay  
 62-90- white clay  
 90-91- coarse sand  
 91-94- white clay  
 94-91- coarse sand

160' TDH = 8' setting  
 40  
 40h, Frankling

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#2 34.9508-89.2419

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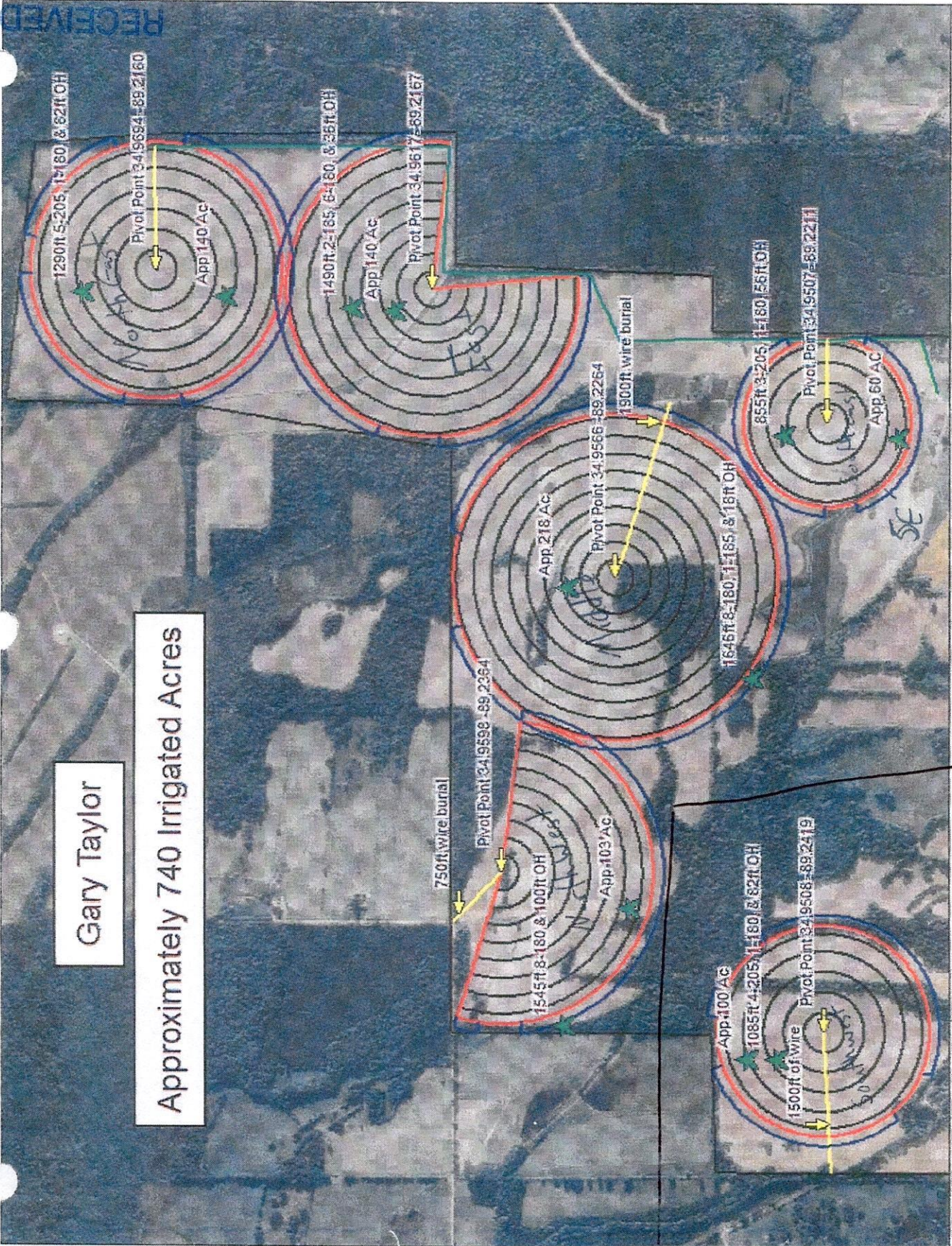
FEB 26 2015

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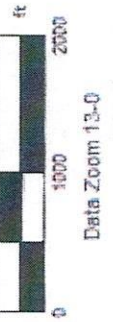
South West  
Gary Taylor

E-fired on this well.



Gary Taylor

Approximately 740 Irrigated Acres



Entrance 34,9467  
-89,2204

↑ MN (1.6° W)

E-Filed